Welcome to STN International! Enter x:x

LOGINID: SSPTACKH1617

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
NEWS
      1
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS
      2
                 "Ask CAS" for self-help around the clock
NEWS
        OCT 23
                 The Derwent World Patents Index suite of databases on STN
                 has been enhanced and reloaded
NEWS
         OCT 30
                 CHEMLIST enhanced with new search and display field
        NOV 03
NEWS
     5
                 JAPIO enhanced with IPC 8 features and functionality
NEWS
     6
        NOV 10
                 CA/CAplus F-Term thesaurus enhanced
NEWS 7
        NOV 10
                 STN Express with Discover! free maintenance release Version
                 8.01c now available
NEWS 8
        NOV 20
                 CA/CAplus to MARPAT accession number crossover limit increased
                 to 50,000
        DEC 01
NEWS 9
                 CAS REGISTRY updated with new ambiguity codes
NEWS 10
        DEC 11
                 CAS REGISTRY chemical nomenclature enhanced
        DEC 14
NEWS 11
                 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12
        DEC 14
                 GBFULL and FRFULL enhanced with IPC 8 features and
                 functionality
NEWS 13 DEC 18
                 CA/CAplus pre-1967 chemical substance index entries enhanced
                 with preparation role
        DEC 18
NEWS 14
                 CA/CAplus patent kind codes updated
NEWS 15
        DEC 18
                 MARPAT to CA/CAplus accession number crossover limit increased
                 to 50,000
NEWS 16
        DEC 18
                 MEDLINE updated in preparation for 2007 reload
NEWS 17
        DEC 27
                 CA/CAplus enhanced with more pre-1907 records
NEWS 18
        JAN 08
                 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 19
         JAN 16
                 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 20
        JAN 16
                 IPC version 2007.01 thesaurus available on STN
NEWS 21
         JAN 16
                 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22
         JAN 22
                 CA/CAplus updated with revised CAS roles
NEWS 23
         JAN 22
                 CA/CAplus enhanced with patent applications from India
NEWS 24
         JAN 29
                 PHAR reloaded with new search and display fields
NEWS 25
         JAN 29
                 CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
```

Welcome to STN International

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may

result in loss of user privileges and other penalties. \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* STN Columbus \* \* \* \* \* FILE 'HOME' ENTERED AT 15:54:05 ON 09 FEB 2007 => file biosis caplus embase medline scisearch COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 0.21 0.21 FILE 'BIOSIS' ENTERED AT 15:54:44 ON 09 FEB 2007 Copyright (c) 2007 The Thomson Corporation FILE 'CAPLUS' ENTERED AT 15:54:44 ON 09 FEB 2007 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS) FILE 'EMBASE' ENTERED AT 15:54:44 ON 09 FEB 2007 Copyright (c) 2007 Elsevier B.V. All rights reserved. FILE 'MEDLINE' ENTERED AT 15:54:44 ON 09 FEB 2007 FILE 'SCISEARCH' ENTERED AT 15:54:44 ON 09 FEB 2007 Copyright (c) 2007 The Thomson Corporation => s phenolic antioxidant or oxygenated dibenzo-alpha-pyrone or DBP 36483 PHENOLIC ANTIOXIDANT OR OXYGENATED DIBENZO-ALPHA-PYRONE OR DBP => s (phenolic with antioxidant) or (oxygenated with dibenzo-alpha-pyrone) or DBP 34418 (PHENOLIC WITH ANTIOXIDANT) OR (OXYGENATED WITH DIBENZO-ALPHA-PY L2 RONE) OR DBP => s L2 and chromium or cr 707630 L2 AND CHROMIUM OR CR L3 => s L2 and (chromium or cr) 323 L2 AND (CHROMIUM OR CR) => L4 and ((phyllanthus with emblica) or (emblica with officinalis)) L4 IS NOT A RECOGNIZED COMMAND The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>). => (phyllanthus with emblica) or (emblica with officinalis) (PHYLLANTHUS IS NOT A RECOGNIZED COMMAND The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>). => s (phyllanthus with emblica) or (emblica with officinalis) 913 (PHYLLANTHUS WITH EMBLICA) OR (EMBLICA WITH OFFICINALIS) => s L4 and L5 2 L4 AND L5 L<sub>6</sub> => d ibib abs all

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:346732 CAPLUS

DOCUMENT NUMBER: 142:386005

TITLE: Phenolic antioxidant-

chromium complexes for treatment or prevention

```
of type 2 diabetes or glucose intolerance
```

INVENTOR(S): Ghosal, Shibnath

PATENT ASSIGNEE(S): Natreon Inc., Germany

SOURCE: U.S. Pat. Appl. Publ., 12 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

	LY ACC. NUM. COUNT: NT INFORMATION:	1					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
	US 2005085454	A1		US 2003-686801	20031016		
	RITY APPLN. INFO.:	US 2003-686801					
AB	A composition for the treatment, prevention or management of a condition primates, especially humans comprising a phenolic antioxidant -chromium complex.						
AN	2005:346732 CAPLUS 142:386005 Entered STN: 22 Apr 2005						
TI	Phenolic antioxidant-chromium complexes for treatment or prevention of type 2 diabetes or glucose intolerance						
IN	Ghosal, Shibnath Natreon Inc., Germany						
PA							
SO	U.S. Pat. Appl. Publ., 12 pp.						
	CODEN: USXXCO						
DT	Patent English						
LA							
	ICM A61K031-555						
	ICS A61K031-28						
	NCL 514185000; 514505000						
CC	1-10 (Pharmacology)						
	Section cross-refere	ence(s)	: 63				
FAN.	CNT 1						
	PATENT NO.			APPLICATION NO.			
	US 2003-686801	A1		US 2003-686801			

LASS
PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

US 2005085454 ICM A61K031-555

ICS A61K031-28

INCL 514185000; 514505000

IPCI A61K0031-555 [ICM,7]; A61K0031-28 [ICS,7]

IPCR A61K0031-28 [I,C\*]; A61K0031-28 [I,A]; A61K0031-555

[I,C\*]; A61K0031-555 [I,A]

NCL 514/185.000; 514/505.000

ECLA A61K031/28; A61K031/555; A61K033/24; A61K035/78

AB A composition for the treatment, prevention or management of a condition in primates, especially humans comprising a phenolic antioxidant -chromium complex.

ST phenolic plant antioxidant chromium complex

oral antidiabetic; Shilajit phenolic antioxidant

chromium complex oral antidiabetic

IT Natural products, pharmaceutical

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(Shilajit; phenolic antioxidant-chromium

complexes for treatment or prevention of type 2 diabetes or glucose intolerance)

IT Diabetes mellitus

(non-insulin-dependent; phenolic antioxidantchromium complexes for treatment or prevention of type 2
diabetes or glucose intolerance)

```
Antidiabetic agents
IT
        (oral; phenolic antioxidant-chromium
        complexes for treatment or prevention of type 2 diabetes or glucose
        intolerance)
IT
     Antioxidants
     Erodium
     Erodium pelargoniflorum
     Gardenia
     Geranium (genus)
     Geranium thunbergii
     Human
     Phyllanthus
       Phyllanthus emblica
     Phyllanthus flexuosus
     Phyllanthus niruri
     Tamarix
     Tamarix aphylla
     Terminalia
     Terminalia bellirica
        (phenolic antioxidant-chromium complexes
        for treatment or prevention of type 2 diabetes or glucose intolerance)
IT
     Fulvic acids
     Phenols, biological studies
     Tannins
     RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (phenolic antioxidant-chromium complexes
        for treatment or prevention of type 2 diabetes or glucose intolerance)
     50-99-7, Glucose, biological studies
IT
     RL: BSU (Biological study, unclassified); BIOL (Biological study)
        (intolerance; phenolic antioxidant-chromium
        complexes for treatment or prevention of type 2 diabetes or glucose
        intolerance)
IT
     58-85-5, Biotin
                       59-43-8, biological studies
                                                      79-17-4, Aminoguanidine
     616-91-1, N-Acetyl-L-cysteine
                                     1066-30-4, Chromium acetate
     7440-47-3, Chromium, biological studies
                                              10025-73-7,
     Chromium chloride (CrCl3)
                                 16065-83-1D, Chromium 3+,
     complexes, biological studies
                                     27115-36-2, Chromium formate
     59715-47-8D, DBP, chromium complexes
                                            64452-96-6,
     Chromium nicotinate
     RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (phenolic antioxidant-chromium complexes
        for treatment or prevention of type 2 diabetes or glucose intolerance)
=> d his
     (FILE 'HOME' ENTERED AT 15:54:05 ON 09 FEB 2007)
     FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, SCISEARCH' ENTERED AT 15:54:44 ON
     09 FEB 2007
L1
          36483 S PHENOLIC ANTIOXIDANT OR OXYGENATED DIBENZO-ALPHA-PYRONE OR DB
L2
          34418 S (PHENOLIC WITH ANTIOXIDANT) OR (OXYGENATED WITH DIBENZO-ALPHA
         707630 S L2 AND CHROMIUM OR CR
L3
            323 S L2 AND (CHROMIUM OR CR)
L4
            913 S (PHYLLANTHUS WITH EMBLICA) OR (EMBLICA WITH OFFICINALIS)
L5
              2 S L4 AND L5
L6
=>
---Logging off of STN---
```

## => LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	61.74	61.95
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY -0.78	SESSION -0.78

STN INTERNATIONAL LOGOFF AT 16:01:12 ON 09 FEB 2007